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NEWS 7 FEB 16 INPADOCDB and INPAFAMDB Enriched with New Content
              and Features
NEWS 8 FEB 16 INSPEC Adding Its Own IPC codes and Author's E-mail
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NEWS 9 APR 02 CAS Registry Number Crossover Limits Increased to
              500,000 in Key STN Databases
NEWS 10 APR 02 PATDPAFULL: Application and priority number formats
              enhanced
NEWS 11 APR 02 DWPI: New display format ALLSTR available
NEWS 12 APR 02 New Thesaurus Added to Derwent Databases for Smooth
              Sailing through U.S. Patent Codes
NEWS 13 APR 02 EMBASE Adds Unique Records from MEDLINE, Expanding
              Coverage back to 1948
NEWS 14 APR 07 CA/Caplus CLASS Display Streamlined with Removal of
              Pre-IPC 8 Data Fields
NEWS 15 APR 07 50,000 World Traditional Medicine (WTM) Patents Now
              Available in Caplus
NEWS 16 APR 07 MEDLINE Coverage Is Extended Back to 1947

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
              AND CURRENT DISCOVER FILE IS DATED 15 JANUARY 2010.

NEWS HOURS   STN Operating Hours Plus Help Desk Availability
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Enter NEWS followed by the item number or name to see news on that specific topic.

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 15:46:08 ON 04 MAY 2010

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Uploading

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=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 15:46:26 ON 04 MAY 2010

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STRUCTURE FILE UPDATES: 3 MAY 2010 HIGHEST RN 1221227-20-8

DICTIONARY FILE UPDATES: 3 MAY 2010 HIGHEST RN 1221227-20-8

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10589743.str



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18 19 20 22
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
chain bonds :
1-15 2-10 4-18 18-19 18-20 19-22
ring bonds :
1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14
14-15 15-16 16-17
exact/norm bonds :
1-2 1-5 1-15 4-5 18-19 18-20 19-22
exact bonds :
2-3 2-10 3-4 4-18
normalized bonds :
6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14 14-15 15-16 16-17
isolated ring systems :
containing 1 : 6 : 12 :
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G1:H,CH3,Et,n-Pr,Ak

Match level :

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1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
20:CLASS 22:CLASS
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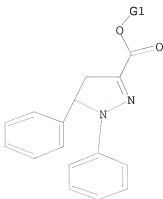
10589743

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 H, Me, Et, n-Pr, Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 15:46:43 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1539 TO ITERATE

100.0% PROCESSED 1539 ITERATIONS

9 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 28427 TO 33133

PROJECTED ANSWERS: 9 TO 360

L2 9 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 15:46:51 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 30013 TO ITERATE

100.0% PROCESSED 30013 ITERATIONS

179 ANSWERS

SEARCH TIME: 00.00.01

L3 179 SEA SSS FUL L1

=> FIL HCAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

191.54

191.76

FILE 'HCAPLUS' ENTERED AT 15:46:57 ON 04 MAY 2010

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FILE COVERS 1907 - 4 May 2010 VOL 152 ISS 19
 FILE LAST UPDATED: 3 May 2010 (20100503/ED)
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2010
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2010

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the first quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L5      33 L4 AND PY<=2004

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L6      5 L5 AND P/DT

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L6 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2002:793411 HCAPLUS

DOCUMENT NUMBER: 137:310911

TITLE: Utilization of pyrazoline derivatives, as inhibitors of the expression of the gene responsible for COX-2 synthesis, in the preparation of a medicament for the prevention and/or treatment of proliferative cell diseases

INVENTOR(S): Cuberes-Altisent, Maria Rosa; Berrocal-Romero, Juana Maria; Contijoch-Llobet, Maria Montserrat; Frigola-Constansa, Jordi

PATENT ASSIGNEE(S): Laboratorios del Esteve, S.A., Spain

SOURCE: PCT Int. Appl., 54 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Spanish

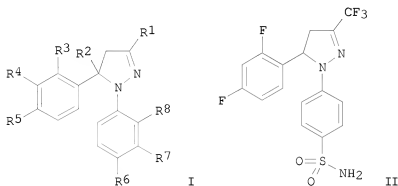
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002080909	A1	20021017	WO 2002-ES137	20020321 <--
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
ES 2174757	A1	20021101	ES 2001-818	20010406 <--
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CN 1299682	C	20070214		
BR 2002008805	A	20040713	BR 2002-8805	20020321 <--
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JP 4451599	B2	20100414		
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EP 1516621	A2	20050323	EP 2004-30751	20020321
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NZ 529304	A	20060224	NZ 2002-529304	20020321

AT 326966	T	20060615	AT 2002-714233	20020321
PT 1384477	E	20060929	PT 2002-714233	20020321
ES 2264723	T3	20070116	ES 2002-714233	20020321
RU 2305545	C2	20070910	RU 2003-132457	20020321
US 20040034082	A1	20040219	US 2002-312193	20021217 <--
NO 2003004470	A	20031205	NO 2003-4470	20031006 <--
MX 2003009124	A	20050411	MX 2003-9124	20031006
HK 1067311	A1	20070622	HK 2004-110341	20041230
PRIORITY APPLN. INFO.:			ES 2001-818	A 20010406
			CN 2002-809893	A3 20020321
			EP 2002-714233	A3 20020321
			WO 2002-ES137	W 20020321

OTHER SOURCE(S): MARPAT 137:310911
GI



AB The invention relates to pyrazoline derivs. I [wherein R1 = H, Me, CH2F, CHF2, CF3, CO2H, C1-4 alkoxy carbonyl, CONH2, or cyano; R2 = H or Me; R3, R4, R7, R8 = H, Cl, F, Me, CF3, or OMe; R5, R6 = H, Cl, F, Me, CF3, OMe, OCF3, SO2Me, SO2NH2, or SO2NHAc, provided that 1 of R5 or R6 = SO2Me, SO2NH2, or SO2NHAc, and provided that if R1 = Me, then: R2 = H or Me; R3 and R8 = H, Cl, F, Me, or CF3; R4 = H, F, Me, CF3, or OMe; R5 = F, CF3, CF3O, SO2Me, SO2NH2, or SO2NHAc; R6 = H, Cl, F, Me, CF3, OMe, OCF3, SO2Me, SO2NH2, or SO2NHAc, provided that 1 of the substituents R5 or R6 = SO2Me, SO2NH2, or SO2NHAc; and R7 = H, Cl, F, Me, CF3, or OMe; including physiologically acceptable salts]. I are useful for the prevention or treatment of proliferative cell diseases. In particular, I are useful for treatment of pre-neoplastic or neoplastic processes, tumoral angiogenesis, cachexia, and processes related to tumor necrosis factor (TNF). Generally, I are useful for treating processes where there would be benefit by inhibiting the expression of the gene responsible for the synthesis of cyclooxygenase 2 (COX-2), notably in mammals, and particularly in humans. A list of 84 specific examples is provided, and a similar list of 84 compds. (1 difference) is claimed. Six examples of individual enantiomers are given, the remainder being racemic. For instance, condensation of 2,4-difluorobenzaldehyde with either CH3COCF3 (68%) or the reaction product of LiCH2PO3Et2 with PhN:C(Cl)CF3 (81%) gave (E)-1,1,1-trifluoro-4-(2,4-difluorophenyl)-3-buten-2-one. Cyclocondensation of the latter enone with 4-(H2NSO2)C6H4NHNH2.HCl gave

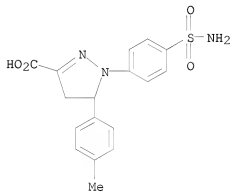
61% invention compound (\pm)-II, which was resolved by chromatog. on CHIRALPAK AS to give (+)- and (-)-II with enantiomeric purities of 99.9% or greater. In tests against human colorectal cancer cell lines NC59 and TD20, (\pm)-II had IC50 values of 29.87 and 33.87 μ M, resp. I also inhibited the induction of COX-2 in JURKAT cells, were active against breast cancer cells in culture (IC50 12-18 μ M), inhibited angiogenesis (as determined by induction of expression of VEGF and TF in cell culture), and inhibited production of TNF- α in the air-pouch model in mice.

IT 251443-24-0P, 1-(4-Aminosulfonylphenyl)-4,5-dihydro-5-(4-methylphenyl)-1H-pyrazole-3-carboxylic acid 251443-25-1P, 1-(4-Aminosulfonylphenyl)-4,5-dihydro-5-phenyl-1H-pyrazole-3-carboxylic acid 251443-26-2P, 4,5-Dihydro-5-(4-methylphenyl)-1-(4-methylsulfonylphenyl)-1H-pyrazole-3-carboxylic acid 251443-27-3P, Methyl 1-(4-aminosulfonylphenyl)-4,5-dihydro-5-(4-methylphenyl)-1H-pyrazole-3-carboxylate 251443-28-4P, Methyl 1-(4-aminosulfonylphenyl)-4,5-dihydro-5-phenyl-1H-pyrazole-3-carboxylate 251443-29-5P, Methyl 4,5-dihydro-5-(4-methylphenyl)-1-(4-methylsulfonylphenyl)-1H-pyrazole-3-carboxylate
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation and use of pyrazoline derivs. as COX-2 gene expression inhibitors for prevention and/or treatment of proliferative cell diseases)

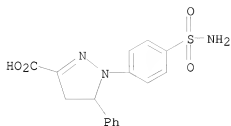
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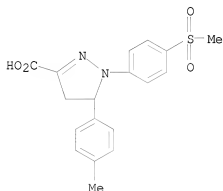
RN 251443-25-1 HCAPLUS

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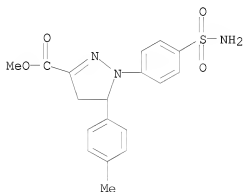
RN 251443-26-2 HCAPLUS

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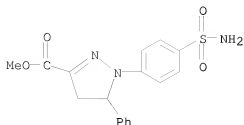
RN 251443-27-3 HCAPLUS

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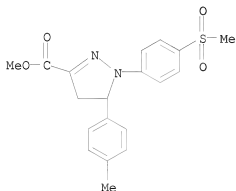


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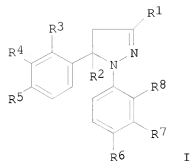
OS.CITING REF COUNT: 21 THERE ARE 21 CAPLUS RECORDS THAT CITE THIS RECORD (21 CITINGS)
 REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1999:784081 HCAPLUS
 DOCUMENT NUMBER: 132:12302
 TITLE: Diarylpyrazoles as inhibitors of cyclooxygenase-2
 INVENTOR(S): Cuberes-Altisent, Maria Rosa; Berrocal-Romero, Juana Maria; Contijoch-Llobet, Maria Montserrat; Frigola-Constansa, Jordi
 PATENT ASSIGNEE(S): Laboratorios Del Esteve, S.A., Spain
 SOURCE: PCT Int. Appl., 60 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Spanish
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9962884	A1	19991209	WO 1999-ES156	19990527 <--
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MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
 TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
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PRIORITY APPLN. INFO.:			ES 1998-1129	A 19980529
			WO 1999-ES156	W 19990527
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT				
OTHER SOURCE(S): MARPAT 132:12302				
GI				



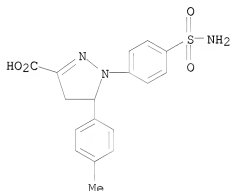
AB Diarylpyrazoles I [R1 = H, Me, CH2F, CHF2, CF3, CO2H, alkoxycarbonyl, carbamoyl, CN; R2 = H, Me; R3, R4, R7, R8 = H, Cl, F, Me, CF3, OMe; R5 = H, Cl, F, Me, CF3, OMe, OCF3, R6 = SO2Me, SO2NH2, SO2NHAc; R5 = SO2Me, SO2NH2, SO2NHAc, R6 = H, Cl, F, Me, CF3, OMe, OCF3] were prepared for use in treating inflammation and other processes mediated by COX-2. Thus, 2,4-F2C6H3CHO was treated with CF3COMe to give (E)-2,4-F2C6H3CH:CHCOCF3 which was cyclized with 4-H2NSO2C6H4NHNH2 to give I [R1 = CF3, R2-R4, R7, R8 = H, R5 = SO2Me, R6 = Me] which gave 92% inhibition of COX-2 activity at 40 mg/kg orally in rats.

IT 251443-24-0P 251443-26-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of diarylpyrazoles as inhibitors of cyclooxygenase-2)

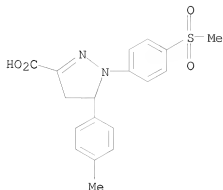
RN 251443-24-0 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)- (CA INDEX NAME)



RN 251443-26-2 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]- (CA INDEX NAME)



IT 251443-25-1P 251443-27-3P 251443-28-4P

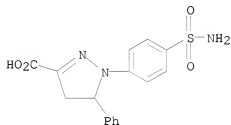
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RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of diarylpyrazoles as inhibitors of cyclooxygenase-2)

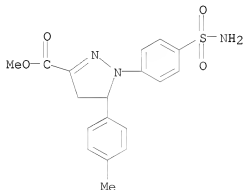
RN 251443-25-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl- (CA INDEX NAME)



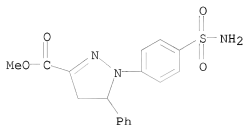
RN 251443-27-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)-, methyl ester (CA INDEX NAME)



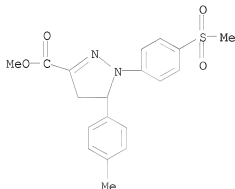
RN 251443-28-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl-, methyl ester (CA INDEX NAME)



RN 251443-29-5 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-, methyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 24 THERE ARE 24 CAPLUS RECORDS THAT CITE THIS RECORD (25 CITINGS)

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1991:492261 HCAPLUS

DOCUMENT NUMBER: 115:92261

ORIGINAL REFERENCE NO.: 115:15883a,15886a

TITLE: Preparation of 1-phenylpyrazoline-3-carboxylates as herbicide safeners

INVENTOR(S): Roesch, Wolfgang; Sohn, Erich; Bauer, Klaus; Bieringer, Hermann

PATENT ASSIGNEE(S): Hoechst A.-G., Germany

SOURCE: Ger. Offen., 12 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

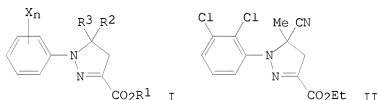
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3939503	A1	19910606	DE 1989-3939503	19891130 <--
WO 9107874	A1	19910613	WO 1990-EP2020	19901126 <--
W: AU, CA, HU, JP, KR, SU, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
AU 9168863	A	19910626	AU 1991-68863	19901126 <--
AU 653506	B2	19941006		
HU 60593	A2	19921026	HU 1992-1797	19901126 <--
HU 218970	B	20010129		
JP 05503086	T	19930527	JP 1991-500106	19901126 <--
JP 3088456	B2	20000918		
EP 635996	A1	19950201	EP 1990-917518	19901126 <--
EP 635996	B1	19980211		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE				
AT 163124	T	19980215	AT 1990-917518	19901126 <--
ES 2114862	T3	19980616	ES 1990-917518	19901126 <--
HU 218970	B	20010129	HU 1997-92017	19901126 <--
CA 2069901	C	20011030	CA 1990-2069901	19901126 <--
RU 2228619	C2	20040520	RU 1990-5052227	19901126 <--
IL 96496	A	19941229	IL 1990-96496	19901128 <--
CN 1052115	A	19910612	CN 1990-109551	19901129 <--
CN 1051078	C	20000405		
ZA 9009591	A	19910925	ZA 1990-9591	19901129 <--
LV 10359	B	19960220	LV 1993-307	19930507 <--
LT 3372	B	19950825	LT 1993-711	19930625 <--
US 5700758	A	19971223	US 1995-468850	19950606 <--
US 5703008	A	19971230	US 1995-476065	19950607 <--
PRIORITY APPLN. INFO.:				
			DE 1989-3939503	A 19891130
			WO 1990-EP2020	A 19901126
			US 1992-848998	B3 19920421

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OTHER SOURCE(S): MARPAT 115:92261
 GI



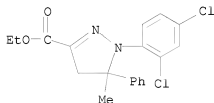
AB The title compds. [I; X = halo, haloalkyl; n = 1-3; R¹ = H, alkyl, cycloalkyl, trialkylsilyl, trialkylsilylmethyl, alkoxyalkyl; R², R³ = H, alkyl, cycloalkyl, alkenyl, alkynyl, haloalkyl, alkoxyalkyl, hydroxyalkyl, alkoxyalkyl, alkylcarbonyl, alkylaminocarbonyl, halo, cyano, (substituted) Ph; R²R³ = atoms to form a ring], were prepared Thus, methacrylonitrile and Et₃N at 70° were treated with Et 2-chloroglyoxalate 2,3-dichlorophenylhydrazine in dimethoxy ethane over 0.5 h; the mixture was stirred 4 h at 80° to give title compound II. II at 1.25 kg/ha reduced damage to wheat caused by 2.0 kg/ha Et feroxaprop from 70% to 30%. Other I gave complete protection.

IT 135590-92-0P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as herbicide safener)

RN 135590-92-0 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(2,4-dichlorophenyl)-4,5-dihydro-5-methyl-5-phenyl-, ethyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD
(9 CITINGS)
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1989:75489 HCAPLUS

DOCUMENT NUMBER: 110:75489

ORIGINAL REFERENCE NO.: 110:12477a,12480a

TITLE: Preparation of
N,1-diphenyl-2-pyrazoline-3-carboxamides as
insecticides

INVENTOR(S): Stevenson, Thomas Martin

PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA

SOURCE: PCT Int. Appl., 147 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

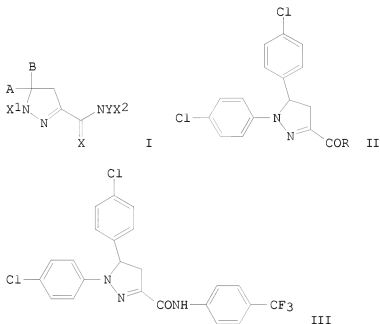
FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8806583	A1	19880907	WO 1987-US3235	19871214 <--
W: AU, BR, JP, KR				
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
AU 8811544	A	19880926	AU 1988-11544	19871214 <--
AU 598633	B2	19900628		
JP 01502513	T	19890831	JP 1988-501073	19871214 <--
JP 05081591	B	19931115		
EP 330678	A1	19890906	EP 1988-900910	19871214 <--
EP 330678	B1	19901024		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
BR 8707672	A	19891003	BR 1987-7672	19871214 <--
AT 57690	T	19901115	AT 1988-900910	19871214 <--
ES 2008408	A6	19890716	ES 1988-6	19880104 <--
CN 88100104	A	19880720	CN 1988-100104	19880105 <--
ZA 8800040	A	19890927	ZA 1988-40	19880105 <--
PRIORITY APPLN. INFO.:				
			US 1987-326	A 19870105
			US 1987-113530	A 19871028
			EP 1988-900910	A 19871214

OTHER SOURCE(S):
GI

MARPAT 110:75489



AB The title compds. [I; A = H, alkyl, (un)substituted Ph; B = H, alkenyl, alkynyl, alkoxy carbonyl, (un)substituted alkyl, Ph; X = O, S; X1, X2 = (un)substituted Ph; Y = H, alkyl, alkoxyalkyl, alkylthio, haloalkylthio, (un)substituted PhS] were prepared 4-ClC6H4NH2 was diazotized and the resulting solution added to MeCOCHClCO2Et in EtOH containing NaOAc to give, after

2 h stirring, 4-ClC6H4NHN:CClCO2Et which was refluxed with 4-ClC6H4CH:CH2 in benzene containing Et3N to give pyrazolinecarboxylate II (R = EtO). The latter was converted in 2 steps to II (R = Cl) which was stirred 18 h with 4-F3CC6H4NH2 to give II (R = 4-F3CC6H4NH), which gave ≥80% kill of fall armyworm larvae sprayed in cups at 0.5 lb./acre.

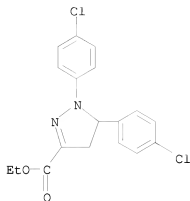
IT 118010-70-1P 118010-85-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and reaction of, in preparation of insecticides)

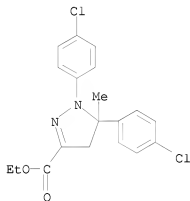
RN 118010-70-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, ethyl ester (CA INDEX NAME)



RN 118010-85-8 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-5-methyl-, ethyl ester (CA INDEX NAME)

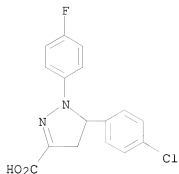


IT	118010-64-3P	118010-65-4P	118010-66-5P
	118010-68-7P	118010-69-8P	118010-70-1P
	118010-71-2P	118010-72-3P	118010-73-4P
	118010-74-5P	118010-75-6P	118010-76-7P
	118010-77-8P	118010-78-9P	118010-79-0P
	118010-80-3P	118010-81-4P	

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as insecticide)

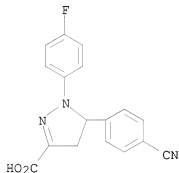
RN 118010-64-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



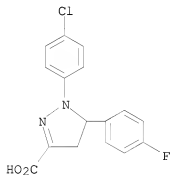
RN 118010-65-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-cyanophenyl)-1-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



RN 118010-66-5 HCAPLUS

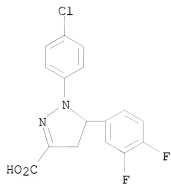
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



RN 118010-68-7 HCAPLUS

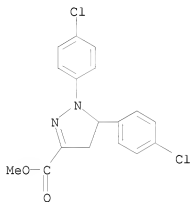
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-difluorophenyl)-4,5-dihydro- (CA INDEX NAME)

10589743



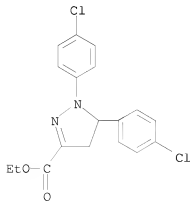
RN 118010-69-8 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-,
methyl ester (CA INDEX NAME)



RN 118010-70-1 HCAPLUS

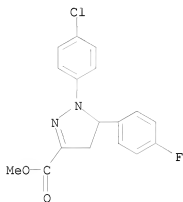
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, ethyl
ester (CA INDEX NAME)



10589743

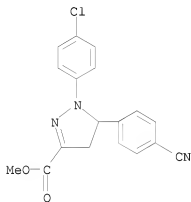
RN 118010-71-2 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-72-3 HCAPLUS

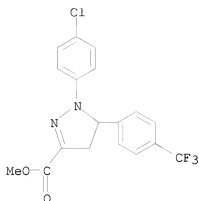
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-cyanophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-73-4 HCAPLUS

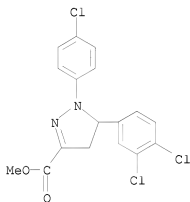
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-4,5-dihydro-5-[4-(trifluoromethyl)phenyl]-, methyl ester (CA INDEX NAME)

10589743



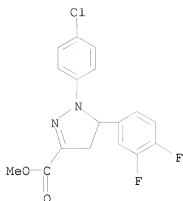
RN 118010-74-5 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-dichlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



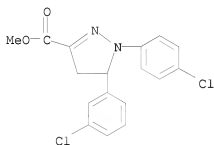
RN 118010-75-6 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-difluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



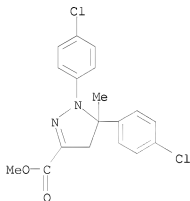
RN 118010-76-7 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(3-chlorophenyl)-1-(4-chlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-77-8 HCAPLUS

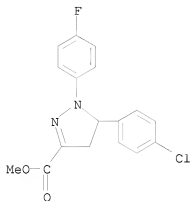
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-5-methyl-, methyl ester (CA INDEX NAME)



RN 118010-78-9 HCAPLUS

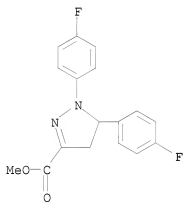
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(4-fluorophenyl)-4,5-

dihydro-, methyl ester (CA INDEX NAME)



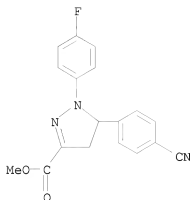
RN 118010-79-0 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



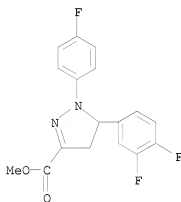
RN 118010-80-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-cyanophenyl)-1-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-81-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(3,4-difluorophenyl)-1-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)

L6 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1989:23882 HCAPLUS

DOCUMENT NUMBER: 110:23882

ORIGINAL REFERENCE NO.: 110:4041a,4044a

TITLE: Insecticidal pyrazolinecarboxanilidess, and their compositions and use in insect control

INVENTOR(S): Stevenson, Thomas Martin

PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA

SOURCE: PCT Int. Appl., 145 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

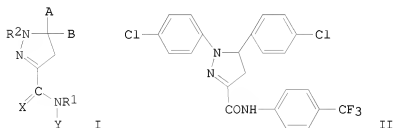
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 8805046          A2      19880714      WO 1988-US1          19880104 <--
WO 8805046          A3      19880811
W: SD, US
EP 330678           A1      19890906      EP 1988-900910       19871214 <--
EP 330678           B1      19901024
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE
ES 2008408           A6      19890716      ES 1988-6            19880104 <--
CN 88100104          A       19880720      CN 1988-100104       19880105 <--
ZA 8800040           A       19890927      ZA 1988-40           19880105 <--
US 5091405           A       19920225      US 1989-378529       19890512 <--
PRIORITY APPLN. INFO.:
US 1987-326          A1      19870105
US 1987-113530       A1      19871028
WO 1988-US1          W       19880104

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S):      MARPAT 110:23882
GI

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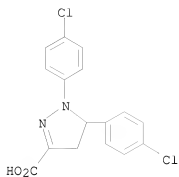
AB The title compds. [I; R¹ = substituted Ph; R² = (un)substituted Ph; X = O, S; Y = H, alkyl, alkoxyalkyl, alkylthio, haloalkylthio, alkoxy carbonyl, CHO, alkanoyl, haloalkanoyl, (un)substituted PhS; A = H, alkyl, cyano, CO₂R³, COR³, CONR³R⁴, CSNR³R⁴, C(S)R³, CS₂R³, (un)substituted Ph; B = H, alkyl, haloalkyl, alkoxyalkyl, cyanoalkyl, alkoxy carbonylalkyl, alkenyl, alkynyl, alkoxy carbonyl, (un)substituted Ph, PhCH₂; R³ = (halo)alkyl, (halo)alkenyl, (halo)alkynyl, alkoxyalkyl, alkylthioalkyl, nitroalkyl, cyanoalkyl, alkoxy carbonylalkyl, (halo)cycloalkyl, (un)substituted Ph, PhCH₂; R⁴ = H, alkyl; R³R⁴ = (CH₂)₄, (CH₂)₅, CH₂CH₂OCH₂CH₂] are prepared as insecticides. Reaction of 4-ClC₆H₄NHN:CClCO₂Et (preparation given) with 4-ClC₆H₄CH:CH₂ via formation and dipolar cycloaddn. of a nitrile-imine (Et₃N in C₆H₆) gave Et 1,5-bis(4-chlorophenyl)-4,5-dihydro-1H-pyrazole-3-carboxylate, which was saponified, converted to the acid chloride, amidated with 4-H₂N-C₆H₄-CF₃ to give pyrazolinecarboxanilide II. A formulation contained 10% II on attapulgite granules. As a spray at 0.55 kg/ha II gave ≥80% kill of *Spodoptera frugiperda* larvae.

IT 118010-87-0P 118010-91-6P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and conversion of, to acid chloride)

RN 118010-87-0 HCAPLUS

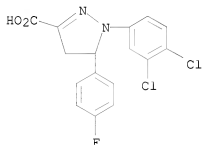
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro- (CA
 INDEX NAME)

10589743



RN 118010-91-6 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(3,4-dichlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)

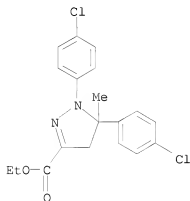


IT 118010-85-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and saponification and amidation of)

RN 118010-85-8 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-5-methyl-, ethyl ester (CA INDEX NAME)

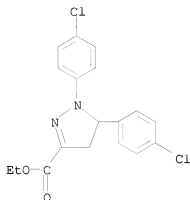


IT 118010-70-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and saponification of)

RN 118010-70-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, ethyl
ester (CA INDEX NAME)

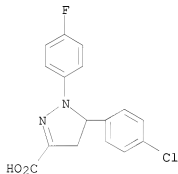


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	118010-68-7P	118010-69-8P	118010-70-1P
	118010-71-2P	118010-72-3P	118010-73-4P
	118010-74-5P	118010-75-6P	118010-76-7P
	118010-77-8P	118010-78-9P	118010-79-0P
	118010-80-3P	118010-81-4P	

RL: AGR (Agricultural use); BAC (Biological activity or effector, except
adverse); BSU (Biological study, unclassified); SPN (Synthetic
preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as insecticide)

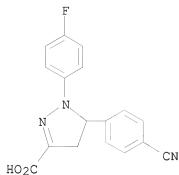
RN 118010-64-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(4-fluorophenyl)-4,5-
dihydro- (CA INDEX NAME)



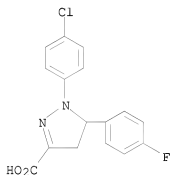
RN 118010-65-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-cyanophenyl)-1-(4-fluorophenyl)-4,5-
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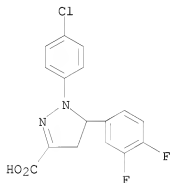
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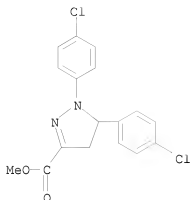
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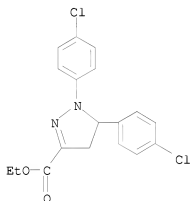
RN 118010-69-8 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-70-1 HCAPLUS

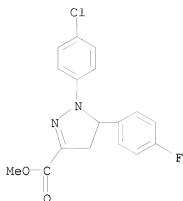
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, ethyl ester (CA INDEX NAME)



RN 118010-71-2 HCAPLUS

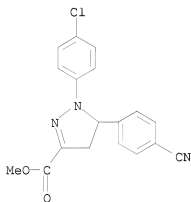
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)

10589743



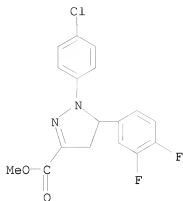
RN 118010-72-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-cyanophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



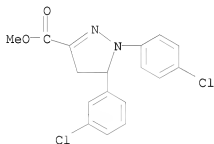
RN 118010-73-4 HCAPLUS

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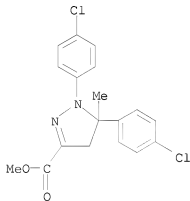
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RN 118010-77-8 HCAPLUS

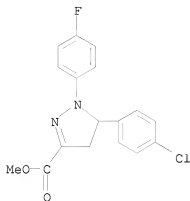
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-5-methyl-, methyl ester (CA INDEX NAME)



RN 118010-78-9 HCAPLUS

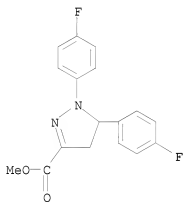
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(4-fluorophenyl)-4,5-

dihydro-, methyl ester (CA INDEX NAME)



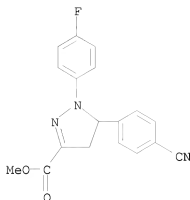
RN 118010-79-0 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



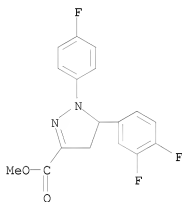
RN 118010-80-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-cyanophenyl)-1-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-81-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(3,4-difluorophenyl)-1-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 25 THERE ARE 25 CAPLUS RECORDS THAT CITE THIS RECORD (28 CITINGS)

=> d l9 ibib abs hitstr tot

L9 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2002:793411 HCAPLUS

DOCUMENT NUMBER: 137:310911

TITLE: Utilization of pyrazoline derivatives, as inhibitors of the expression of the gene responsible for COX-2 synthesis, in the preparation of a medicament for the prevention and/or treatment of proliferative cell diseases

INVENTOR(S): Cuberes-Altisent, Maria Rosa; Berrocal-Romero, Juana Maria; Contijoch-Llobet, Maria Montserrat; Frigola-Constansa, Jordi

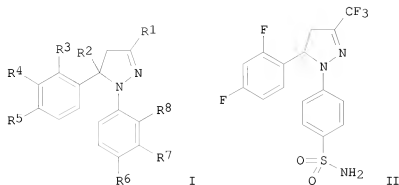
PATENT ASSIGNEE(S): Laboratorios del Esteve, S.A., Spain

SOURCE: PCT Int. Appl., 54 pp.

DOCUMENT TYPE: Patent
 LANGUAGE: Spanish
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002080909	A1	20021017	WO 2002-ES137	20020321 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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JP 4451599	B2	20100414		
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NZ 529304	A	20060224	NZ 2002-529304	20020321
AT 326966	T	20060615	AT 2002-714233	20020321
PT 1384477	E	20060929	PT 2002-714233	20020321
ES 2264723	T3	20070116	ES 2002-714233	20020321
RU 2305545	C2	20070910	RU 2003-132457	20020321
US 20040034082	A1	20040219	US 2002-312193	20021217 <--
NO 2003004470	A	20031205	NO 2003-4470	20031006 <--
MX 2003009124	A	20050411	MX 2003-9124	20031006
HK 1067311	A1	20070622	HK 2004-110341	20041230
PRIORITY APPLN. INFO.:			ES 2001-818	A 20010406
			CN 2002-809893	A3 20020321
			EP 2002-714233	A3 20020321
			WO 2002-ES137	W 20020321

OTHER SOURCE(S): MARPAT 137:310911
 GI



- AB The invention relates to pyrazoline derivs. I [wherein R1 = H, Me, CH2F, CHF2, CF3, CO2H, C1-4 alkoxy carbonyl, CONH2, or cyano; R2 = H or Me; R3, R4, R7, R8 = H, Cl, F, Me, CF3, or OMe; R5, R6 = H, Cl, F, Me, CF3, OMe, OCF3, SO2Me, SO2NH2, or SO2NHAc, provided that 1 of R5 or R6 = SO2Me, SO2NH2, or SO2NHAc, and provided that if R1 = Me, then: R2 = H or Me; R3 and R8 = H, Cl, F, Me, or CF3; R4 = H, F, Me, CF3, or OMe; R5 = F, CF3, CF3O, SO2Me, SO2NH2, or SO2NHAc; R6 = H, Cl, F, Me, CF3, OMe, OCF3, SO2Me, SO2NH2, or SO2NHAc, provided that 1 of the substituents R5 or R6 = SO2Me, SO2NH2, or SO2NHAc; and R7 = H, Cl, F, Me, CF3, or OMe; including physiologically acceptable salts]. I are useful for the prevention or treatment of proliferative cell diseases. In particular, I are useful for treatment of pre-neoplastic or neoplastic processes, tumoral angiogenesis, cachexia, and processes related to tumor necrosis factor (TNF). Generally, I are useful for treating processes where there would be benefit by inhibiting the expression of the gene responsible for the synthesis of cyclooxygenase 2 (COX-2), notably in mammals, and particularly in humans. A list of 84 specific examples is provided, and a similar list of 84 compds. (1 difference) is claimed. Six examples of individual enantiomers are given, the remainder being racemic. For instance, condensation of 2,4-difluorobenzaldehyde with either CH3COCF3 (68%) or the reaction product of LiCH2PO3Et2 with PhN:C(Cl)CF3 (81%) gave (E)-1,1,1-trifluoro-4-(2,4-difluorophenyl)-3-buten-2-one. Cyclocondensation of the latter enone with 4-(H2NSO2)C6H4NHNH2.HCl gave 61% invention compound (±)-II, which was resolved by chromatog. on CHIRALPAK AS to give (+)- and (-)-II with enantiomeric purities of 99.9% or greater. In tests against human colorectal cancer cell lines NC59 and TD20, (±)-II had IC50 values of 29.87 and 33.87 μ M, resp. I also inhibited the induction of COX-2 in JURKAT cells, were active against breast cancer cells in culture (IC50 12-18 μ M), inhibited angiogenesis (as determined by induction of expression of VEGF and TF in cell culture), and inhibited production of TNF- α in the air-pouch model in mice.
- IT 251443-24-0P, 1-(4-Aminosulfonylphenyl)-4,5-dihydro-5-(4-methylphenyl)-1H-pyrazole-3-carboxylic acid 251443-25-1P, 1-(4-Aminosulfonylphenyl)-4,5-dihydro-5-phenyl-1H-pyrazole-3-carboxylic acid 251443-26-2P, 4,5-Dihydro-5-(4-methylphenyl)-1-(4-methylsulfonylphenyl)-1H-pyrazole-3-carboxylic acid 251443-27-3P, Methyl 1-(4-aminosulfonylphenyl)-4,5-dihydro-5-(4-methylphenyl)-1H-pyrazole-3-carboxylate 251443-28-4P, Methyl

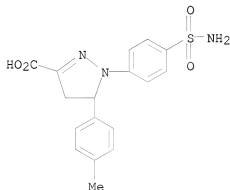
1-(4-aminosulfonylphenyl)-4,5-dihydro-5-phenyl-1H-pyrazole-3-carboxylate
 251443-29-5P, Methyl 4,5-dihydro-5-(4-methylphenyl)-1-(4-methylsulfonylphenyl)-1H-pyrazole-3-carboxylate

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation and use of pyrazoline derivs. as COX-2 gene expression inhibitors for prevention and/or treatment of proliferative cell diseases)

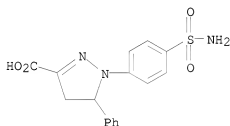
RN 251443-24-0 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)- (CA INDEX NAME)



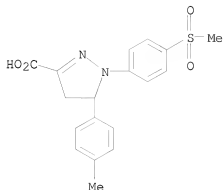
RN 251443-25-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl- (CA INDEX NAME)



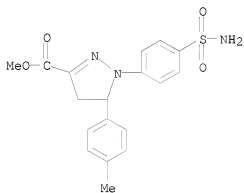
RN 251443-26-2 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]- (CA INDEX NAME)



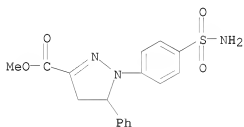
RN 251443-27-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)-, methyl ester (CA INDEX NAME)



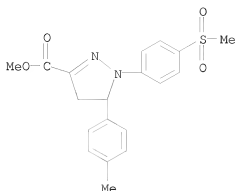
RN 251443-28-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl-, methyl ester (CA INDEX NAME)



RN 251443-29-5 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-, methyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 21 THERE ARE 21 CAPLUS RECORDS THAT CITE THIS
RECORD (21 CITINGS)
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1999:784081 HCAPLUS

DOCUMENT NUMBER: 132:12302

TITLE: Diarylpyrazoles as inhibitors of cyclooxygenase-2

INVENTOR(S): Cuberes-Altisent, Maria Rosa; Berrocal-Romero, Juana
Maria; Contijoch-Llobet, Maria Montserrat;
Frigola-Constansa, Jordi

PATENT ASSIGNEE(S): Laboratorios Del Esteve, S.A., Spain

SOURCE: PCT Int. Appl., 60 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Spanish

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

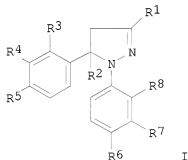
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9962884	A1	19991209	WO 1999-ES156	19990527 <--
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RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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TW 572898	B	20040121	TW 1999-88108709	19990527 <--
AT 265437	T	20040515	AT 1999-922192	19990527 <--
RU 2233272	C2	20040727	RU 2000-133231	19990527 <--
PT 1083171	E	20040930	PT 1999-922192	19990527 <--
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CN 1189459	C	20050216	CN 1999-808111	19990527
SK 285550	B6	20070301	SK 2000-1807	19990527
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BG 105005	A	20010831	BG 2000-105005	20001128 <--
BG 64950	B1	20061031		
LT 4879	B	20020125	LT 2000-108	20001128 <--
US 6353117	B1	20020305	US 2000-701276	20001128 <--
US 38963	E1	20060131	US 2000-229880	20001128 <--
MX 2000011839	A	20010521	MX 2000-11839	20001129 <--
IN 216904	A1	20080321	IN 2000-CN668	20001217
ZA 2000007638	A	20011113	ZA 2000-7638	20001219 <--
IN 2000KN00668	A	20050311	IN 2000-KN668	20001227
LV 12632	B	20010720	LV 2000-161	20001228 <--
PRIORITY APPLN. INFO.:			ES 1998-1129	A 19980529
			WO 1999-ES156	W 19990527

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 132:12302

GI



AB Diarylpyrazoles I [R1 = H, Me, CH2F, CHF2, CF3, CO2H, alkoxy carbonyl, carbamoyl, CN; R2 = H, Me; R3, R4, R7, R8 = H, Cl, F, Me, CF3, OMe; R5 = H, Cl, F, Me, CF3, OMe, OCF3, R6 = SO2Me, SO2NH2, SO2NHAc; R5 = SO2Me, SO2NH2, SO2NHAc, R6 = H, Cl, F, Me, CF3, OMe, OCF3] were prepared for use in treating inflammation and other processes mediated by COX-2. Thus, 2,4-F2C6H3CHO was treated with CF3COMe to give (E)-2,4-F2C6H3CH:CHCOCF3 which was cyclized with 4-H2NSO2C6H4NHNH2 to give I [R1 = CF3, R2-R4, R7, R8 = H, R5 = SO2Me, R6 = Me] which gave 92% inhibition of COX-2 activity at 40 mg/kg orally in rats.

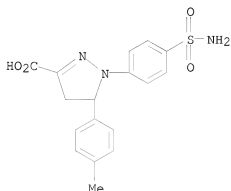
IT 251443-24-0P 251443-26-2P

RL: RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent);
USES (Uses)

(preparation of diarylpyrazoles as inhibitors of cyclooxygenase-2)

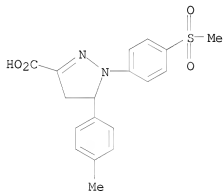
RN 251443-24-0 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)- (CA INDEX NAME)



RN 251443-26-2 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]- (CA INDEX NAME)



IT 251443-25-1P 251443-27-3P 251443-28-4P

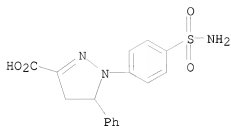
251443-29-5P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of diarylpyrazoles as inhibitors of cyclooxygenase-2)

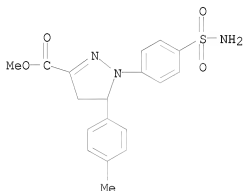
RN 251443-25-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl- (CA INDEX NAME)



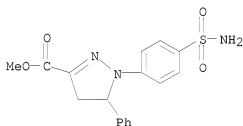
RN 251443-27-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)-, methyl ester (CA INDEX NAME)



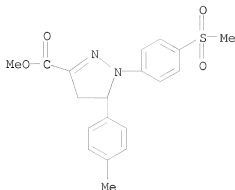
RN 251443-28-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl-, methyl ester (CA INDEX NAME)



RN 251443-29-5 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-, methyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 24 THERE ARE 24 CAPLUS RECORDS THAT CITE THIS
RECORD (25 CITINGS)
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

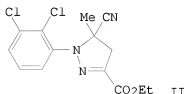
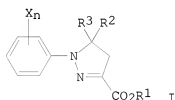
L9 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2010 ACS ON STN

ACCESSION NUMBER: 1991:492261 HCAPLUS
DOCUMENT NUMBER: 115:92261
ORIGINAL REFERENCE NO.: 115:15883a,15886a
TITLE: Preparation of 1-phenylpyrazoline-3-carboxylates as
herbicide safeners
INVENTOR(S): Roesch, Wolfgang; Sohn, Erich; Bauer, Klaus;
Bieringer, Hermann
PATENT ASSIGNEE(S): Hoechst A.-G., Germany
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3939503	A1	19910606	DE 1989-3939503	19891130 <--
WO 9107874	A1	19910613	WO 1990-EP2020	19901126 <--
W: AU, CA, HU, JP, KR, SU, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
AU 9168863	A	19910626	AU 1991-68863	19901126 <--
AU 653506	B2	19941006		
HU 60593	A2	19921026	HU 1992-1797	19901126 <--
HU 218970	B	20010129		
JP 05503086	T	19930527	JP 1991-500106	19901126 <--
JP 3088456	B2	20000918		
EP 635996	A1	19950201	EP 1990-917518	19901126 <--
EP 635996	B1	19980211		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE				
AT 163124	T	19980215	AT 1990-917518	19901126 <--
ES 2114862	T3	19980616	ES 1990-917518	19901126 <--
HU 218970	B	20010129	HU 1997-92017	19901126 <--
CA 2069901	C	20011030	CA 1990-2069901	19901126 <--
RU 2228619	C2	20040520	RU 1990-5052227	19901126 <--

IL 96496	A	19941229	IL 1990-96496	19901128 <--
CN 1052115	A	19910612	CN 1990-109551	19901129 <--
CN 1051078	C	20000405		
ZA 9009591	A	19910925	ZA 1990-9591	19901129 <--
LV 10359	B	19960220	LV 1993-307	19930507 <--
LT 3372	B	19950825	LT 1993-711	19930625 <--
US 5700758	A	19971223	US 1995-468850	19950606 <--
US 5703008	A	19971230	US 1995-476065	19950607 <--
PRIORITY APPLN. INFO.:			DE 1989-3939503	A 19891130
			WO 1990-EP2020	A 19901126
			US 1992-848998	B3 19920421

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OTHER SOURCE(S): MARPAT 115:92261
 GI

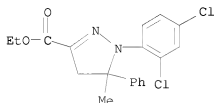


AB The title compds. [I; X = halo, haloalkyl; n = 1-3; R1 = H, alkyl, cycloalkyl, trialkylsilyl, trialkylsilylmethyl, alkoxyalkyl; R2, R3 = H, alkyl, cycloalkyl, alkenyl, alkynyl, haloalkyl, alkoxyalkyl, hydroxyalkyl, alkoxyacarbonyl, alkylcarbonyl, alkylaminocarbonyl, halo, cyano, (substituted) Ph; R2R3 = atoms to form a ring], were prepared. Thus, methacrylonitrile and Et3N at 70° were treated with Et 2-chloroglyoxalate 2,3-dichlorophenylhydrazine in dimethoxy ethane over 0.5 h; the mixture was stirred 4 h at 80° to give title compound II. II at 1.25 kg/ha reduced damage to wheat caused by 2.0 kg/ha Et feroxaprop from 70% to 30%. Other I gave complete protection.

IT 135590-92-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of, as herbicide safener)

RN 135590-92-0 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(2,4-dichlorophenyl)-4,5-dihydro-5-methyl-5-phenyl-, ethyl ester (CA INDEX NAME)



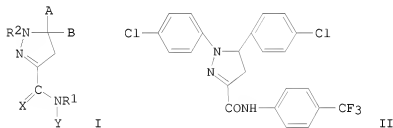
OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (9 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1989:23882 HCAPLUS
 DOCUMENT NUMBER: 110:23882
 ORIGINAL REFERENCE NO.: 110:4041a,4044a
 TITLE: Insecticidal pyrazolinecarboxanilidess, and their compositions and use in insect control
 INVENTOR(S): Stevenson, Thomas Martin
 PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA
 SOURCE: PCT Int. Appl., 145 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8805046	A2	19880714	WO 1988-US1	19880104 <--
WO 8805046	A3	19880811		
W: SD, US				
EP 330678	A1	19890906	EP 1988-900910	19871214 <--
EP 330678	B1	19901024		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
ES 2008408	A6	19890716	ES 1988-6	19880104 <--
CN 88100104	A	19880720	CN 1988-100104	19880105 <--
ZA 8800040	A	19890927	ZA 1988-40	19880105 <--
US 5091405	A	19920225	US 1989-378529	19890512 <--
PRIORITY APPLN. INFO.:			US 1987-326	A1 19870105
			US 1987-113530	A1 19871028
			WO 1988-US1	W 19880104

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OTHER SOURCE(S): MARPAT 110:23882
 GI



AB The title compds. [I; R1 = substituted Ph; R2 = (un)substituted Ph; X = O, S; Y = H, alkyl, alkoxyalkyl, alkylthio, haloalkylthio, alkoxyalkyl, CHO, alkanoyl, haloalkanoyl, (un)substituted PhS; A = H, alkyl, cyano, CO2R3, COR3, CONR3R4, CSNR3R4, C(S)R3, CS2R3, (un)substituted Ph; B = H, alkyl, haloalkyl, alkoxyalkyl, cyanoalkyl, alkoxyalkyl, alkoxyalkylalkyl, alkenyl, alkynyl, alkoxyalkyl, (un)substituted Ph, PhCH2; R3 = (halo)alkyl, (halo)alkenyl, (halo)alkynyl, alkoxyalkyl, alkylthioalkyl, nitroalkyl, cyanoalkyl, alkoxyalkylalkyl, (halo)cycloalkyl, (un)substituted Ph, PhCH2; R4 = H, alkyl; R3R4 = (CH2)4, (CH2)5, CH2CH2OCH2CH2] are prepared as

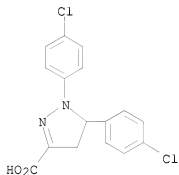
insecticides. Reaction of 4-ClC₆H₄NHN:CClCO₂Et (preparation given) with 4-ClC₆H₄CH:CH₂ via formation and dipolar cycloaddn. of a nitrile-imine (Et₃N in C₆H₆) gave Et 1,5-bis(4-chlorophenyl)-4,5-dihydro-1H-pyrazole-3-carboxylate, which was saponified, converted to the acid chloride, amidated with 4-H₂NC₆H₄CF₃ to give pyrazolinecarboxanilide II. A formulation contained 10% II on attapulgite granules. As a spray at 0.55 kg/ha II gave ≥80% kill of Spodoptera frugiperda larvae.

IT 118010-87-0P 118010-91-6P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and conversion of, to acid chloride)

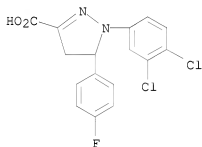
RN 118010-87-0 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro- (CA INDEX NAME)



RN 118010-91-6 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(3,4-dichlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)

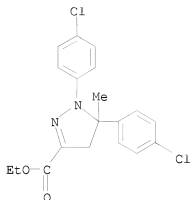


IT 118010-85-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and saponification and amidation of)

RN 118010-85-8 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-5-methyl-, ethyl ester (CA INDEX NAME)



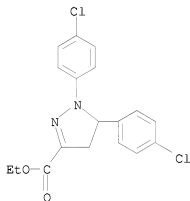
IT 118010-70-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and saponification of)

RN 118010-70-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, ethyl ester (CA INDEX NAME)



IT 118010-64-3P 118010-65-4P 118010-66-5P

118010-68-7P 118010-69-8P 118010-70-1P

118010-71-2P 118010-72-3P 118010-73-4P

118010-74-5P 118010-75-6P 118010-76-7P

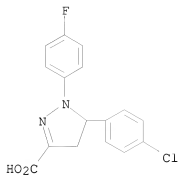
118010-77-8P 118010-78-9P 118010-79-0P

118010-80-3P 118010-81-4P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as insecticide)

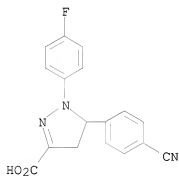
RN 118010-64-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



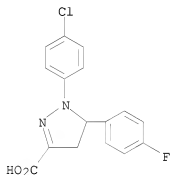
RN 118010-65-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-cyanophenyl)-1-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



RN 118010-66-5 HCAPLUS

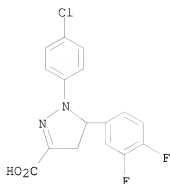
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



RN 118010-68-7 HCAPLUS

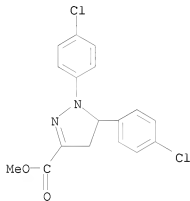
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-difluorophenyl)-4,5-dihydro- (CA INDEX NAME)

10589743



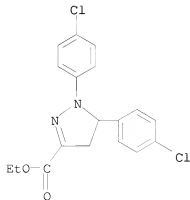
RN 118010-69-8 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-70-1 HCAPLUS

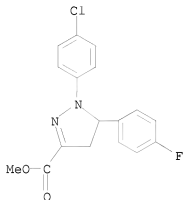
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, ethyl ester (CA INDEX NAME)



10589743

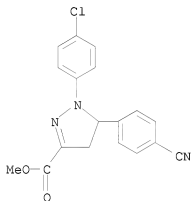
RN 118010-71-2 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-72-3 HCAPLUS

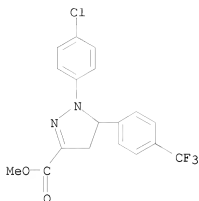
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-cyanophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-73-4 HCAPLUS

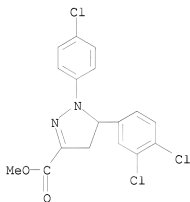
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-4,5-dihydro-5-[4-(trifluoromethyl)phenyl]-, methyl ester (CA INDEX NAME)

10589743



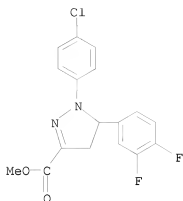
RN 118010-74-5 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-dichlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



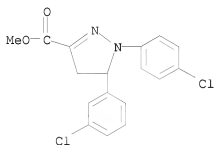
RN 118010-75-6 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-difluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



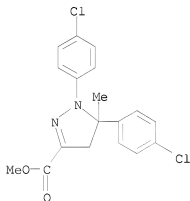
RN 118010-76-7 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(3-chlorophenyl)-1-(4-chlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-77-8 HCAPLUS

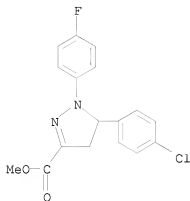
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-5-methyl-, methyl ester (CA INDEX NAME)



RN 118010-78-9 HCAPLUS

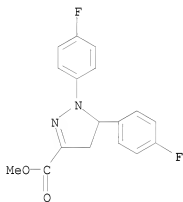
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(4-fluorophenyl)-4,5-

dihydro-, methyl ester (CA INDEX NAME)



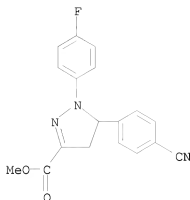
RN 118010-79-0 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



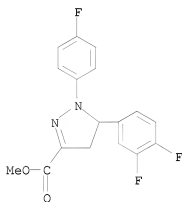
RN 118010-80-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-cyanophenyl)-1-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-81-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(3,4-difluorophenyl)-1-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 25 THERE ARE 25 CAPLUS RECORDS THAT CITE THIS
RECORD (28 CITINGS)

=> d l10 ibib abs hitstr tot

L10 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2002:793411 HCAPLUS

DOCUMENT NUMBER: 137:310911

TITLE: Utilization of pyrazoline derivatives, as inhibitors of the expression of the gene responsible for COX-2 synthesis, in the preparation of a medicament for the prevention and/or treatment of proliferative cell diseases

INVENTOR(S): Cuberes-Altisent, Maria Rosa; Berrocal-Romero, Juana Maria; Contijoch-Llobet, Maria Montserrat; Frigola-Constansa, Jordi

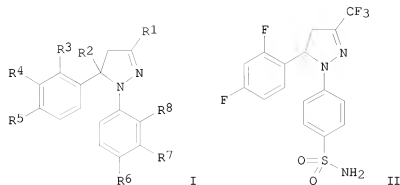
PATENT ASSIGNEE(S): Laboratorios del Esteve, S.A., Spain

SOURCE: PCT Int. Appl., 54 pp.

DOCUMENT TYPE: Patent
 LANGUAGE: Spanish
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002080909	A1	20021017	WO 2002-ES137	20020321 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
ES 2174757	A1	20021101	ES 2001-818	20010406 <--
ES 2174757	B1	20031101		
CA 2442974	A1	20021017	CA 2002-2442974	20020321 <--
CA 2442974	C	20100223		
AU 2002246152	A1	20021021	AU 2002-246152	20020321 <--
AU 2002246152	B2	20070531		
EP 1384477	A1	20040128	EP 2002-714233	20020321 <--
EP 1384477	B1	20060524		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
CN 1509171	A	20040630	CN 2002-809893	20020321 <--
CN 1299682	C	20070214		
BR 2002008805	A	20040713	BR 2002-8805	20020321 <--
HU 2004000918	A2	20040728	HU 2004-918	20020321 <--
HU 2004000918	A3	20041028		
JP 2004525166	T	20040819	JP 2002-578948	20020321 <--
JP 4451599	B2	20100414		
ZA 2003008626	A	20041105	ZA 2003-8626	20020321 <--
EP 1516621	A2	20050323	EP 2004-30751	20020321
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CN 1698602	A	20051123	CN 2005-10071309	20020321
NZ 529304	A	20060224	NZ 2002-529304	20020321
AT 326966	T	20060615	AT 2002-714233	20020321
PT 1384477	E	20060929	PT 2002-714233	20020321
ES 2264723	T3	20070116	ES 2002-714233	20020321
RU 2305545	C2	20070910	RU 2003-132457	20020321
US 20040034082	A1	20040219	US 2002-312193	20021217 <--
NO 2003004470	A	20031205	NO 2003-4470	20031006 <--
MX 2003009124	A	20050411	MX 2003-9124	20031006
HK 1067311	A1	20070622	HK 2004-110341	20041230
PRIORITY APPLN. INFO.:			ES 2001-818	A 20010406
			CN 2002-809893	A3 20020321
			EP 2002-714233	A3 20020321
			WO 2002-ES137	W 20020321

OTHER SOURCE(S): MARPAT 137:310911
 GI



- AB The invention relates to pyrazoline derivs. I [wherein R1 = H, Me, CH₂F, CHF₂, CF₃, CO₂H, C1-4 alkoxy carbonyl, CONH₂, or cyano; R2 = H or Me; R3, R4, R7, R8 = H, Cl, F, Me, CF₃, or OMe; R5, R6 = H, Cl, F, Me, CF₃, OMe, OCF₃, SO₂Me, SO₂NH₂, or SO₂NHAc, provided that 1 of R5 or R6 = SO₂Me, SO₂NH₂, or SO₂NHAc, and provided that if R1 = Me, then: R2 = H or Me; R3 and R8 = H, Cl, F, Me, or CF₃; R4 = H, F, Me, CF₃, or OMe; R5 = F, CF₃, CF₃O, SO₂Me, SO₂NH₂, or SO₂NHAc; R6 = H, Cl, F, Me, CF₃, OMe, OCF₃, SO₂Me, SO₂NH₂, or SO₂NHAc, provided that 1 of the substituents R5 or R6 = SO₂Me, SO₂NH₂, or SO₂NHAc; and R7 = H, Cl, F, Me, CF₃, or OMe; including physiologically acceptable salts]. I are useful for the prevention or treatment of proliferative cell diseases. In particular, I are useful for treatment of pre-neoplastic or neoplastic processes, tumoral angiogenesis, cachexia, and processes related to tumor necrosis factor (TNF). Generally, I are useful for treating processes where there would be benefit by inhibiting the expression of the gene responsible for the synthesis of cyclooxygenase 2 (COX-2), notably in mammals, and particularly in humans. A list of 84 specific examples is provided, and a similar list of 84 compds. (1 difference) is claimed. Six examples of individual enantiomers are given, the remainder being racemic. For instance, condensation of 2,4-difluorobenzaldehyde with either CH₃COCF₃ (68%) or the reaction product of LiCH₂PO₃Et₂ with PhN:C(Cl)CF₃ (81%) gave (E)-1,1,1-trifluoro-4-(2,4-difluorophenyl)-3-buten-2-one. Cyclocondensation of the latter enone with 4-(H₂NSO₂)C₆H₄NHNH₂·HCl gave 61% invention compound (±)-II, which was resolved by chromatog. on CHIRALPAK AS to give (+)- and (-)-II with enantiomeric purities of 99.9% or greater. In tests against human colorectal cancer cell lines NC59 and TD20, (±)-II had IC₅₀ values of 29.87 and 33.87 μM, resp. I also inhibited the induction of COX-2 in JURKAT cells, were active against breast cancer cells in culture (IC₅₀ 12-18 μM), inhibited angiogenesis (as determined by induction of expression of VEGF and TF in cell culture), and inhibited production of TNF-α in the air-pouch model in mice.
- IT 251443-24-0P, 1-(4-Aminosulfonylphenyl)-4,5-dihydro-5-(4-methylphenyl)-1H-pyrazole-3-carboxylic acid 251443-25-1P, 1-(4-Aminosulfonylphenyl)-4,5-dihydro-5-phenyl-1H-pyrazole-3-carboxylic acid 251443-26-2P, 4,5-Dihydro-5-(4-methylphenyl)-1-(4-methylsulfonylphenyl)-1H-pyrazole-3-carboxylic acid 251443-27-3P, Methyl 1-(4-aminosulfonylphenyl)-4,5-dihydro-5-(4-methylphenyl)-1H-pyrazole-3-carboxylate 251443-28-4P, Methyl

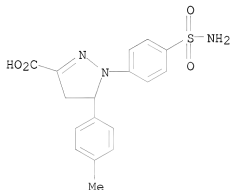
1-[4-(aminosulfonylphenyl)-4,5-dihydro-5-phenyl-1H-pyrazole-3-carboxylate
251443-29-5P, Methyl 4,5-dihydro-5-(4-methylphenyl)-1-[4-methylsulfonylphenyl]-1H-pyrazole-3-carboxylate

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation and use of pyrazoline derivs. as COX-2 gene expression inhibitors for prevention and/or treatment of proliferative cell diseases)

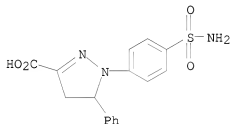
RN 251443-24-0 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)- (CA INDEX NAME)



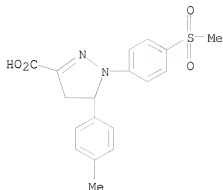
RN 251443-25-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl- (CA INDEX NAME)



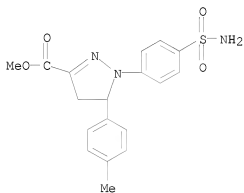
RN 251443-26-2 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]- (CA INDEX NAME)



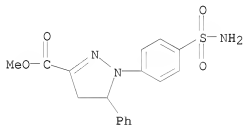
RN 251443-27-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)-, methyl ester (CA INDEX NAME)



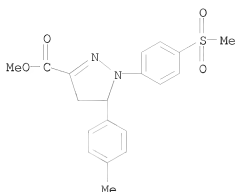
RN 251443-28-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl-, methyl ester (CA INDEX NAME)



RN 251443-29-5 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-, methyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 21 THERE ARE 21 CAPLUS RECORDS THAT CITE THIS
RECORD (21 CITINGS)
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1999:784081 HCAPLUS

DOCUMENT NUMBER: 132:12302

TITLE: Diarylpyrazoles as inhibitors of cyclooxygenase-2

INVENTOR(S): Cuberes-Altisent, Maria Rosa; Berrocal-Romero, Juana
Maria; Contijoch-Llobet, Maria Montserrat;
Frigola-Constansa, Jordi

PATENT ASSIGNEE(S): Laboratorios Del Esteve, S.A., Spain

SOURCE: PCT Int. Appl., 60 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Spanish

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9962884	A1	19991209	WO 1999-ES156	19990527 <--
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
ES 2137138	A1	19991201	ES 1998-1129	19980529 <--
ES 2137138	B1	20000916		
CA 2333475	A1	19991209	CA 1999-2333475	19990527 <--
CA 2333475	C	20091208		
AU 9939329	A	19991220	AU 1999-39329	19990527 <--
AU 752001	B2	20020905		
EP 1083171	A1	20010314	EP 1999-922192	19990527 <--
EP 1083171	B1	20040428		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
BR 9910801	A	20011127	BR 1999-10801	19990527 <--

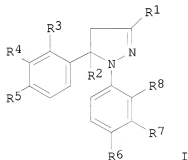
SI 20580	A	20011231	SI 1999-20042	19990527 <--
HU 2001002102	A2	20020328	HU 2001-2102	19990527 <--
HU 2001002102	A3	20020628		
JP 2002516908	T	20020611	JP 2000-552096	19990527 <--
NZ 508990	A	20021220	NZ 1999-508990	19990527 <--
TW 572898	B	20040121	TW 1999-88108709	19990527 <--
AT 265437	T	20040515	AT 1999-922192	19990527 <--
RU 2233272	C2	20040727	RU 2000-133231	19990527 <--
PT 1083171	E	20040930	PT 1999-922192	19990527 <--
ES 2221382	T3	20041216	ES 1999-922192	19990527 <--
CN 1189459	C	20050216	CN 1999-808111	19990527
SK 285550	B6	20070301	SK 2000-1807	19990527
CZ 298391	B6	20070919	CZ 2000-4418	19990527
NO 2000006029	A	20010126	NO 2000-6029	20001128 <--
BG 105005	A	20010831	BG 2000-105005	20001128 <--
BG 64950	B1	20061031		
LT 4879	B	20020125	LT 2000-108	20001128 <--
US 6353117	B1	20020305	US 2000-701276	20001128 <--
US 38963	E1	20060131	US 2000-229880	20001128 <--
MX 2000011839	A	20010521	MX 2000-11839	20001129 <--
IN 216904	A1	20080321	IN 2000-CN668	20001217
ZA 2000007638	A	20011113	ZA 2000-7638	20001219 <--
IN 2000KN00668	A	20050311	IN 2000-KN668	20001227
LV 12632	B	20010720	LV 2000-161	20001228 <--
			ES 1998-1129	A 19980529
			WO 1999-ES156	W 19990527

PRIORITY APPLN. INFO.:

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 132:12302

GI



AB Diarylpyrazoles I [R1 = H, Me, CH2F, CHF2, CF3, CO2H, alkoxy carbonyl, carbamoyl, CN; R2 = H, Me; R3, R4, R7, R8 = H, Cl, F, Me, CF3, OMe; R5 = H, Cl, F, Me, CF3, OMe, OCF3, R6 = SO2Me, SO2NH2, SO2NHAc; R5 = SO2Me, SO2NH2, SO2NHAc, R6 = H, Cl, F, Me, CF3, OMe, OCF3] were prepared for use in treating inflammation and other processes mediated by COX-2. Thus, 2,4-F2C6H3CHO was treated with CF3COMe to give (E)-2,4-F2C6H3CH:CHCOCF3 which was cyclized with 4-H2NSO2C6H4NHNH2 to give I [R1 = CF3, R2-R4, R7, R8 = H, R5 = SO2Me, R6 = Me] which gave 92% inhibition of COX-2 activity at 40 mg/kg orally in rats.

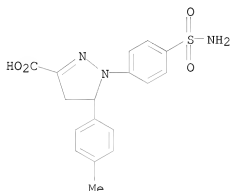
IT 251443-24-0P 251443-26-2P

RL: RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent);
USES (Uses)

(preparation of diarylpyrazoles as inhibitors of cyclooxygenase-2)

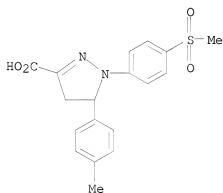
RN 251443-24-0 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)- (CA INDEX NAME)



RN 251443-26-2 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]- (CA INDEX NAME)



IT 251443-25-1P 251443-27-3P 251443-28-4P

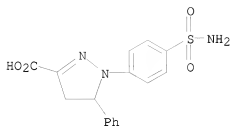
251443-29-5P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of diarylpyrazoles as inhibitors of cyclooxygenase-2)

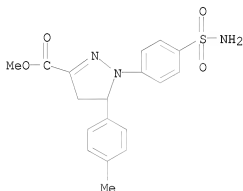
RN 251443-25-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl- (CA INDEX NAME)



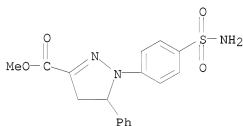
RN 251443-27-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)-, methyl ester (CA INDEX NAME)



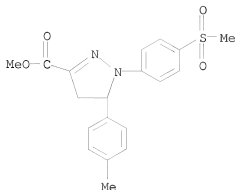
RN 251443-28-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl-, methyl ester (CA INDEX NAME)



RN 251443-29-5 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-, methyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 24 THERE ARE 24 CAPLUS RECORDS THAT CITE THIS
RECORD (25 CITINGS)
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

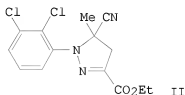
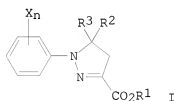
L10 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2010 ACS ON STN

ACCESSION NUMBER: 1991:492261 HCAPLUS
DOCUMENT NUMBER: 115:92261
ORIGINAL REFERENCE NO.: 115:15883a,15886a
TITLE: Preparation of 1-phenylpyrazoline-3-carboxylates as
herbicide safeners
INVENTOR(S): Roesch, Wolfgang; Sohn, Erich; Bauer, Klaus;
Bieringer, Hermann
PATENT ASSIGNEE(S): Hoechst A.-G., Germany
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3939503	A1	19910606	DE 1989-3939503	19891130 <--
WO 9107874	A1	19910613	WO 1990-EP2020	19901126 <--
W: AU, CA, HU, JP, KR, SU, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
AU 9168863	A	19910626	AU 1991-68863	19901126 <--
AU 653506	B2	19941006		
HU 60593	A2	19921026	HU 1992-1797	19901126 <--
HU 218970	B	20010129		
JP 05503086	T	19930527	JP 1991-500106	19901126 <--
JP 3088456	B2	20000918		
EP 635996	A1	19950201	EP 1990-917518	19901126 <--
EP 635996	B1	19980211		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE				
AT 163124	T	19980215	AT 1990-917518	19901126 <--
ES 2114862	T3	19980616	ES 1990-917518	19901126 <--
HU 218970	B	20010129	HU 1997-92017	19901126 <--
CA 2069901	C	20011030	CA 1990-2069901	19901126 <--
RU 2228619	C2	20040520	RU 1990-5052227	19901126 <--

IL 96496	A	19941229	IL 1990-96496	19901128 <--
CN 1052115	A	19910612	CN 1990-109551	19901129 <--
CN 1051078	C	20000405		
ZA 9009591	A	19910925	ZA 1990-9591	19901129 <--
LV 10359	B	19960220	LV 1993-307	19930507 <--
LT 3372	B	19950825	LT 1993-711	19930625 <--
US 5700758	A	19971223	US 1995-468850	19950606 <--
US 5703008	A	19971230	US 1995-476065	19950607 <--
PRIORITY APPLN. INFO.:			DE 1989-3939503	A 19891130
			WO 1990-EP2020	A 19901126
			US 1992-848998	B3 19920421

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OTHER SOURCE(S): MARPAT 115:92261
 GI

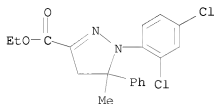


AB The title compds. [I; X = halo, haloalkyl; n = 1-3; R1 = H, alkyl, cycloalkyl, trialkylsilyl, trialkylsilylmethyl, alkoxyalkyl; R2, R3 = H, alkyl, cycloalkyl, alkenyl, alkynyl, haloalkyl, alkoxyalkyl, hydroxyalkyl, alkoxyacarbonyl, alkylcarbonyl, alkylaminocarbonyl, halo, cyano, (substituted) Ph; R2R3 = atoms to form a ring], were prepared. Thus, methacrylonitrile and Et3N at 70° were treated with Et 2-chloroglyoxalate 2,3-dichlorophenylhydrazine in dimethoxy ethane over 0.5 h; the mixture was stirred 4 h at 80° to give title compound II. II at 1.25 kg/ha reduced damage to wheat caused by 2.0 kg/ha Et feroxaprop from 70% to 30%. Other I gave complete protection.

IT 135590-92-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of, as herbicide safener)

RN 135590-92-0 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(2,4-dichlorophenyl)-4,5-dihydro-5-methyl-5-phenyl-, ethyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (9 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1989:23882 HCAPLUS

DOCUMENT NUMBER: 110:23882

ORIGINAL REFERENCE NO.: 110:4041a,4044a

TITLE: Insecticidal pyrazolinecarboxanilidess, and their compositions and use in insect control

INVENTOR(S): Stevenson, Thomas Martin

PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA

SOURCE: PCT Int. Appl., 145 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

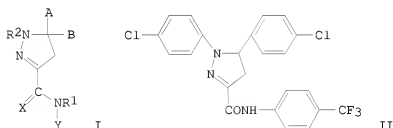
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8805046	A2	19880714	WO 1988-US1	19880104 <--
WO 8805046	A3	19880811		
W: SD, US				
EP 330678	A1	19890906	EP 1988-900910	19871214 <--
EP 330678	B1	19901024		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
ES 2008408	A6	19890716	ES 1988-6	19880104 <--
CN 88100104	A	19880720	CN 1988-100104	19880105 <--
ZA 8800040	A	19890927	ZA 1988-40	19880105 <--
US 5091405	A	19920225	US 1989-378529	19890512 <--
PRIORITY APPLN. INFO.:			US 1987-326	A1 19870105
			US 1987-113530	A1 19871028
			WO 1988-US1	W 19880104

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 110:23882

GI



AB The title compds. [I; R¹ = substituted Ph; R² = (un)substituted Ph; X = O, S; Y = H, alkyl, alkoxyalkyl, alkylthio, haloalkylthio, alkoxyalkyl, CHO, alkanoyl, haloalkanoyl, (un)substituted PhS; A = H, alkyl, cyano, CO₂R₃, COR₃, CONR₃R₄, CSNR₃R₄, C(S)R₃, CS₂R₃, (un)substituted Ph; B = H, alkyl, haloalkyl, alkoxyalkyl, cyanoalkyl, alkoxyalkyl, alkoxyalkylalkyl, alkenyl, alkynyl, alkoxyalkyl, (un)substituted Ph, PhCH₂; R₃ = (halo)alkyl, (halo)alkenyl, (halo)alkynyl, alkoxyalkyl, alkylthioalkyl, nitroalkyl, cyanoalkyl, alkoxyalkylalkyl, (halo)cycloalkyl, (un)substituted Ph, PhCH₂; R₄ = H, alkyl; R₃R₄ = (CH₂)₄, (CH₂)₅, CH₂CH₂OCH₂CH₂] are prepared as

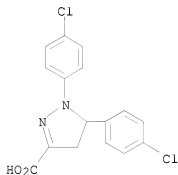
insecticides. Reaction of 4-ClC₆H₄NHN:CClCO₂Et (preparation given) with 4-ClC₆H₄CH:CH₂ via formation and dipolar cycloaddn. of a nitrile-imine (Et₃N in C₆H₆) gave Et 1,5-bis(4-chlorophenyl)-4,5-dihydro-1H-pyrazole-3-carboxylate, which was saponified, converted to the acid chloride, amidated with 4-H₂NC₆H₄CF₃ to give pyrazolinecarboxanilide II. A formulation contained 10% II on attapulgite granules. As a spray at 0.55 kg/ha II gave ≥80% kill of Spodoptera frugiperda larvae.

IT 118010-87-0P 118010-91-6P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and conversion of, to acid chloride)

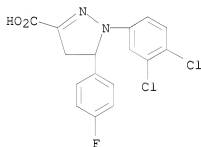
RN 118010-87-0 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro- (CA INDEX NAME)



RN 118010-91-6 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(3,4-dichlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)

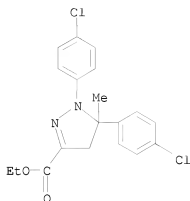


IT 118010-85-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and saponification and amidation of)

RN 118010-85-8 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-5-methyl-, ethyl ester (CA INDEX NAME)

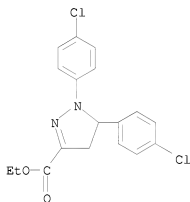


IT 118010-70-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and saponification of)

RN 118010-70-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, ethyl
ester (CA INDEX NAME)



IT 118010-64-3P 118010-65-4P 118010-66-5P

118010-68-7P 118010-69-8P 118010-70-1P

118010-71-2P 118010-72-3P 118010-73-4P

118010-74-5P 118010-75-6P 118010-76-7P

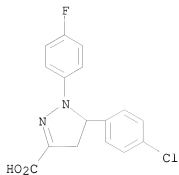
118010-77-8P 118010-78-9P 118010-79-0P

118010-80-3P 118010-81-4P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except
adverse); BSU (Biological study, unclassified); SPN (Synthetic
preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as insecticide)

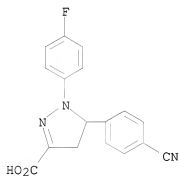
RN 118010-64-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(4-fluorophenyl)-4,5-
dihydro- (CA INDEX NAME)



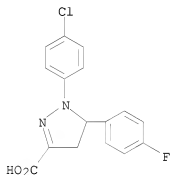
RN 118010-65-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-cyanophenyl)-1-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



RN 118010-66-5 HCAPLUS

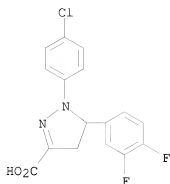
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



RN 118010-68-7 HCAPLUS

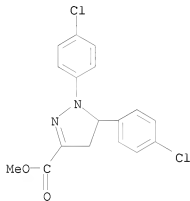
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-difluorophenyl)-4,5-dihydro- (CA INDEX NAME)

10589743



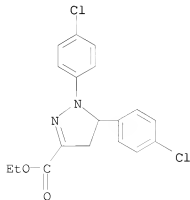
RN 118010-69-8 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-70-1 HCAPLUS

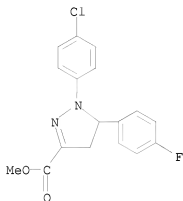
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, ethyl ester (CA INDEX NAME)



10589743

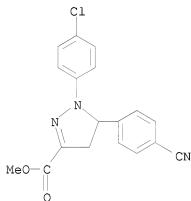
RN 118010-71-2 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-72-3 HCAPLUS

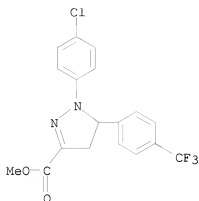
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-cyanophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-73-4 HCAPLUS

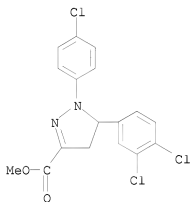
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-4,5-dihydro-5-[4-(trifluoromethyl)phenyl]-, methyl ester (CA INDEX NAME)

10589743



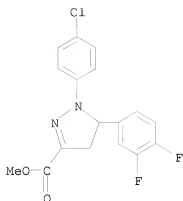
RN 118010-74-5 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-dichlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



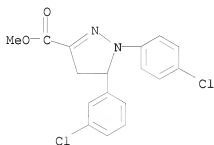
RN 118010-75-6 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-difluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



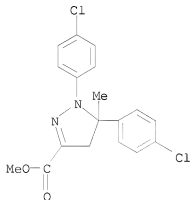
RN 118010-76-7 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(3-chlorophenyl)-1-(4-chlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-77-8 HCAPLUS

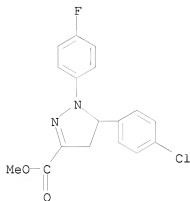
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-5-methyl-, methyl ester (CA INDEX NAME)



RN 118010-78-9 HCAPLUS

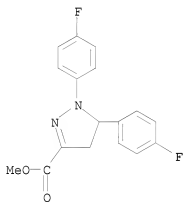
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(4-fluorophenyl)-4,5-

dihydro-, methyl ester (CA INDEX NAME)



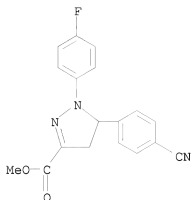
RN 118010-79-0 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



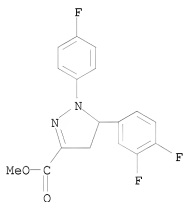
RN 118010-80-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-cyanophenyl)-1-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-81-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(3,4-difluorophenyl)-1-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 25 THERE ARE 25 CAPLUS RECORDS THAT CITE THIS
RECORD (28 CITINGS)

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
90.08	281.84

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-11.05	-11.05

CA SUBSCRIBER PRICE

STN INTERNATIONAL LOGOFF AT 15:50:13 ON 04 MAY 2010